

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,844,849 B1
 APPLICATION NO. : 10/617277
 DATED : January 18, 2005
 INVENTOR(S) : Barrick et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In claim 3, column 11, line 45, please delete " $g_n(\vartheta \ \Phi)$ " and insert $--g_n(\vartheta, \varphi)--$.

In claim 3, column 11, line 46, please delete " $\vartheta \Phi[w_n]$ " and insert $--\vartheta, \varphi, [w_n]--$.

In claim 3, column 11, line 50, please delete " $0 < \vartheta < \pi$ and $0 < \Phi < 2\delta$ " and insert $--0 < \vartheta < \pi$ and $0 < \varphi < 2\pi--$.

In claim 4, column 11, line 61, please delete " $P(\vartheta, \Phi)$ " and insert $--P(\vartheta, \varphi)--$.

In claim 4, column 11, line 61, please delete " $G(\vartheta_o, \Phi_o)$ " and insert $--G(\vartheta_o, \varphi_o)--$.

In claim 4, column 11, line 64, please delete " (ϑ_o, Φ_o) " and insert $--(\vartheta_o, \varphi_o)--$.

In claim 5, column 11, line 66, please delete " $P(\vartheta, \Phi)$ " and insert $--P(\vartheta, \varphi)--$.

In claim 5, column 12, line 7, please delete " $g(\vartheta, \Phi)$ " and insert $--g(\vartheta, \varphi)--$.

In claim 5, column 12, line 8, please delete " ϑ, Φ " and insert $--\vartheta, \varphi--$.

In claim 6, column 12, line 15, please delete

$$N_{mn}(\vartheta_o, \Phi_o) = [g_m(\vartheta_o, \Phi_o)]^T [g_n(\vartheta_o, \Phi_o)]$$

and insert

$$N_{mn}(\vartheta_o, \varphi_o) = [g_m(\vartheta_o, \varphi_o)]^T [g_n(\vartheta_o, \varphi_o)]$$

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In claim 14, column 13, line 7, please delete

$$N_{m,n}(\vartheta_o, \phi_o) = [g_m(\vartheta_o, \phi_o)]^T [g_n(\vartheta_o, \phi_o)],$$

and insert

$$N_{m,n}(\vartheta_o, \varphi_o) = [g_m(\vartheta_o, \varphi_o)]^T [g_n(\vartheta_o, \varphi_o)].$$

In claim 14, column 13, line 9, please delete "D,n" and insert --D_{m,n}--.

In claim 17, column 13, line 37, please delete "g_n(ϑ , Φ)" and insert --g_n(ϑ , φ)--.

In claim 17, column 13, line 37, please delete " ϑ , Φ , [W_n]" and insert -- ϑ , φ , [W_n]--.

In claim 17, column 14, line 3, please delete " $0 < \vartheta < \pi$ and $0 < \Phi < 2\pi$ " and insert -- $0 < \vartheta < \pi$ and $0 < \varphi < 2\pi$ --.

In claim 18, column 14, line 15, please delete "P($\vartheta(\Phi)$)" and insert --P(ϑ , φ)--.

In claim 18, column 14, line 15, please delete "G(ϑ_o , Φ_o)" and insert --G(ϑ_o , φ_o)--.

In claim 18, column 14, line 17, please delete "g(ϑ_o , Φ_o)" and insert --g(ϑ_o , φ_o)--.

In claim 19, column 14, line 20, please delete "P(ϑ, Φ)" and insert --P(ϑ , φ)--.

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In claim 19, column 14, line 28, please delete " $g_n(\vartheta, \Phi)$ " and insert -- $g_n(\vartheta, \varphi)$ --.

In claim 19, column 14, line 29, please delete " ϑ, Φ " and insert -- ϑ, φ --.

Signed and Sealed this

First Day of January, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office